

ABSTRACT OF THE DISCLOSURE

A central processing unit includes an operation mode storing unit that stores at least one first operation mode from among a plurality of second operation modes, a usable command storing unit that stores
5 at least one command corresponding to each of the at least one first operation mode stored as at least one usable command, an operation mode adding/setting unit that adds into the operation mode storing unit a dynamically specified operation mode from the second operation modes, and sets in the usable command storing unit a command
10 corresponding to the operation mode added, and a firmware acquiring unit that acquires from the outside, firmware that corresponds to the at least one first operation mode stored and that is used for executing the at least one usable command.